

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Osage Underground Injection Control Program  
P.O. Box 1495  
Pawhuska, Oklahoma 74056  
918-287-4041

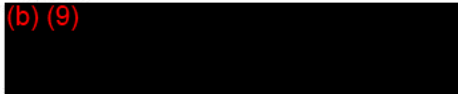
June 26, 1989

RECEIVED

JUN 27 1989

EPA 6W-S  
REGION VI

Mr. Ashley M. Houghton  
KWB Oil Property Mgmt, Inc.  
15 E. 5th St - Ste 3300  
Tulsa, OK 74103

RE: Plugging and Abandonment Procedure  
Inventory No.: 2419  
Well No.: (b) (9)  
Location: 

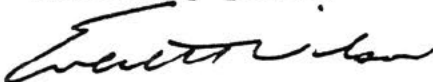
Dear Mr. Houghton:

Your plans to P&A this well are approved by the EPA/UIC. Notify this office a minimum of 24 hours in advance of the plugging operations.

You are also required to obtain approval from the Osage Bureau of Indian Affairs (BIA) prior to commencing operations.

When plugging procedures are complete, submit an Osage Form 139, including cement tickets to the EPA/UIC and to the BIA detailing the completed operation.

Sincerely yours,



Everett Wilson  
Petroleum Engineer

EW/njp  
Enclosure

cc: Bureau of Indian Affairs  
EPA - Dallas Region 6



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
OSAGE INDIAN AGENCY  
PAWHUSKA, OKLAHOMA 74053

Date 6-21-89

APPLICATION FOR OPERATION OR REPORT ON WELLS

(Commencement money paid to whom)

(Date)

(Amount)

Well

(b) (9)

Osage County, Oklahoma.

(1/4 Sec. & Sec. No.)

(Twp.)

(Range)

The elevation of the { surface } above sea level is 856 ft.

USE THIS SIDE TO REQUEST AUTHORITY FOR WORK  
(three copies required)

Notice of intention to:

- Drill ☐
- Plug ☐
- Deepen or plug back ☐
- Convert ☐
- Pull or alter casing ☐
- Formation treatment ☐

Details of Work

Drilling applications will state proposed TD & Horizons to be tested. Show size & length of casings to be used. Indicate proposed mudlogging, cementing & other work.

Plugging applications shall set forth reasons for plugging & detailed statement of proposed work. Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.

Well production prior to work SI injection well no longer required.

bbls. oil bbls. wtr./24 hrs.

NOTE: Plugging detail sheet attached.

**APPROVED**

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Oklahoma Silurian Partners

Lessor: ZWIR Oil Property Mgmt., Inc.

Signature: *Walter M. Houghton*

Title: Engineer

15 E. 5th St., Suite 3300

Address: Tulsa, OK 74103

Approved:

Osage Agency Inspector

USE THIS SIDE TO REPORT COMPLETED WORK  
(one copy to (first))

Character of well (whether oil, gas or dry)

Subsequent report of:

- Conversion ☐
- Formation treatment ☐
- Altering casing ☐
- Plugging back ☐
- Plugging ☐

Details of Work & Results Obtained

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EPA 6W-S

REGION IV

Work commenced

19

Work completed

19

(Continue on reverse side if necessary)

This block for plugging information only

CASING RECORD

Size	In hole when started	Amount recovered	If parted	
			Depth	How

ORIGINAL TOTAL DEPTH

Lessor:

By:

Signature

Subscribed and sworn to before me

this day of

19

Notary Public

My commission expires

PLUGGING AND ABANDONMENT PROGNOSIS

(b) (9)

Osage County, OK

PRESENT CONDITION:

TD 2020'  
10" set @ 20'  
8-1/4" set @ 69'  
6-5/8" set @ 1530'  
5-3/16" liner (slotted) 1579-2006'

PLUGGING PROCEDURE:

- (1) Shoot 4 holes @ 1325'±.
- (2) Run tubing and place cement plug 1362'± to 1100'± (approx 35 sacks) and squeeze 25 sacks into perforations at 1325'.
- (3) Fill casing with gelled mud to 225'.
- (4) Shoot 4 holes at 225'± and circulate cement outside 6-5/8", 8-1/4" and 10" to surface. Fill 6-5/8" casing with cement 225'± to surface.
- (5) Cut off casing strings 3' below ground level and weld steel plate on top.
- (6) Clean up location and restore surface.

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EPA SW-S  
REGION VI

AMH:maa

06/21/89

APPROVED



UIC/EPA  
JUN 22 1989